GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:3026
ANSWERED ON:04.08.2016
Storage Technology
Vanaroja Smt. R.

Will the Minister of POWER be pleased to state:

(a) whether India"s outdated grid infrastructure is incompatible with the storage technology that private investors are looking to install and in holding back the emergence of the electricity storage sector, if so, the details thereof;

(b) whether the Government"s push for the adoption of renewable energy sources such as solar and wind will increasingly rely on power storage since supply from such sources is irregular, if so, the details thereof; and

(c) whether it is also true that the power storage facilities are critical for the Government"s rural electrification programme as well, if so, the steps taken/ proposed to be taken by the Government in this regard?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,
COAL, NEW & RENEWABLE ENERGY AND MINES

(SHRI PIYUSH GOYAL)

(a) to (c) : No, Madam. Indian grid is being upgraded from time to time with latest technologies in generation, transmission and distribution sectors subject to availability of funds. Overall, our grid infrastructure is compatible with power storage technology.

Under rural electrification component of Deendayal Upadhyaya Gram Jyoti Yojana (DDUGJY), Battery storage is used in Decentralized Distributed Generation (DDG) projects which are for those unelectrified villages where grid connectivity is either not technically feasible or not cost effective. These projects are based on renewable energy sources.
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